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SECTION 1: Identification of the substance/mixture and of the company**Product Identifier**

Product Name: SiSiB® PC2720
 Chemical Name: 3-Isocyanatopropyltriethoxysilane

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet

Company Nanjing SiSiB Silicones Co., Ltd.
 Guanghua Sci & Tech Industrial Zone,
 No. 104, Guanghua Road, Nanjing 210007, P.R.China
 Email: SDS@SiSiB.com

Emergency Telephone Number: +86-25-8468-0091

SECTION 2: Hazardous identification**Classification of the substance or mixture**

H302	Acute Tox. 4	R22
H312	Acute Tox. 4	R21
H314	Skin Corr. 1B	R34
H330	Acute Tox. 2	R23, R26, R26
H334	Resp. Sens. 1	R42

The risk codes have been generated using Annex VII of directive 67/548/EEC. Risk code combinations are not included.

Label elements

Pictogram



Pictogram

Signal word

Danger

Hazard statement(s)

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H330	Fatal if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

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Precautionary statements

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P280

Wear protective gloves/ protective clothing/eye protective/face protective.

P301 + P330 + P331

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

Additional precautionary phrases are located throughout the safety data sheet

SECTION 3: Composition/information on ingredients**Substances**

3-Isocyanatopropyltriethoxysilane

Assay: 100%

CAS Number: 24801-88-5

Mixtures

Not Relevant

SECTION 4: First aid measures**Description of first aid measures****If inhaled**

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If swallowed

Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects

There may be pain and redness.

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Severe burns may occur.

Indication of any immediate medical attention

Call a POISON CENTER or doctor/physician if you feel unwell.

SECTION 5: Firefighting measures

Extinguishing media

Suitable Carbon dioxide.	Dry chemical powder.
	Alcohol resistant foam.
Unsuitable	no data

Special Hazards arising from the substance or mixture

In combustion toxic fumes may form.

Advice for Fire Fighters

Wear protective clothing to prevent contact with skin and eyes.
Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

Personal precautions

Evacuate the area immediately.
Do not attempt to take action without suitable protective clothing – see section 8 of MSDS.

Environmental precautions

Do not discharge into drains or rivers.
Contain the spillage using bunding.

Methods and materials for containment and cleaning up

Mix with sand or vermiculite.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7: Handling and storage

Personal Precautions

Safe Handling	Ensure there is sufficient ventilation of the area.
Protection against	Do not eat, drink or smoke when using this product.
Explosions and fires	Wash contaminated clothing before reuse.
	Wash hands thoroughly after handling.

Conditions for safe storage

Managing Storage Risks	Keep container tightly closed.
	Store in cool, well ventilated area.
	Keep away from direct sunlight.

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Storage Controls

No special requirements

Maintaining Integrity

Keep in tightly closed container in cool area away from direct sunlight or heat sources.

Other advice

Store in a well-ventilated place. Keep container tightly closed.

Specific End Uses

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

SECTION 8: Exposure Controls/Personal Protection

Control Parameters

No Data Available

Exposure Controls

General protective and hygiene measures

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands during breaks and at the end of handling the material.

Immediately remove any contaminated clothing

Engineering measures

Use only outdoors or in a well-ventilated area.

Ensure there is sufficient ventilation of the area.

Eye / Face Protection

Safety Glasses with side-shields.

Hand protection

Protective gloves.

Respiratory protection

Do not breathe dust/fume/gas/mist/vapors/spray.

In case of inadequate ventilation wear respiratory protection.

Wear respiratory protection.

Skin protection

Handle with gloves.

Use proper glove removal technique to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice.

Protective clothing.

Other personal protection

Advice: No data available

SECTION 9: Physical and Chemical Properties

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Appearance	Form liquid
Odor	not applicable
Odor threshold	not applicable
pH	not applicable
Melting point / Freezing point	not applicable
Initial boiling point and boiling range	130°C
Flash point	77°C
Evaporation rate	not applicable
Flammability(solid,gas)	not applicable
Upper/lower flammability or explosive limits	not applicable
Vapor pressure	not applicable
Vapor density	not applicable
Relative density	0.999
Solubility(ies)	not applicable
Partition coefficient: n-octanol/water	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature	not applicable
Viscosity	not applicable
Explosive properties	not applicable
Oxidising properties	not applicable

Other Information

No additional information available.

SECTION 10: Stability And Reactivity

Reactivity

no unusual reactivity

Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

no hazardous reactions known

Conditions to Avoid

no specific conditions to avoid

Incompatible Materials

Oxidising agents.

Hazardous Decomposition Products

In combustion emits toxic fumes.

SECTION 11: Toxicological Information**Information****Acute toxicity**

no data available

Skin corrosion/irritation

strong corrosive effect on skin and mucous membranes

Serious eye damage/eye irritation

strong caustic effect.

Respiratory or skin sensitization

No sensitizing effect known

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

no data available.

STOT-repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH

SECTION 12: Ecological Effects**Toxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

PBT and vPvB assessment

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No data available

Other adverse effects

Water hazard class 2 (self-assessment); hazardous for water.

SECTION 13: Disposal considerations

Waste Treatment Methods

Disposal Operations

Disposal of Packaging

Disposal must be made according to official regulations.

SECTION 14: Transport Information

ADR/RID

UN Number: 2927

UN proper shipping name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.

Transport hazard class(es): Class: 6.1 Sub Class : 8



Packing group: II

Environmental hazards:

Special Precautions for user:

Transport in bulk:

IMDG

UN Number: 2927

UN proper shipping name: Toxic liquid, corrosive, organic, n.o.s. «

Transport hazard class(es): Class: 6.1 Sub Class : 8



Packing group: II

Environmental hazards:

Special Precautions for user:

Transport in bulk: IBCINS: IBC02

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UNTANKINS: T11

TANKPROV: TP2 TP27

ICAO

UN Number: 2927

UN proper shipping name: Toxic liquid, corrosive, organic, n.o.s. «

Transport hazard class(es): Class: 6.1 Sub Class : 8



Packing group: II

Environmental hazards:

Special Precautions for user:

Transport in bulk:

SECTION 15:Regulatory Information**Safety, health and environmental regulations**

Product is not subject to any additional regulations or provisions

Safety Assessment

No Chemical Safety Assessment

SECTION 16:Other Information**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.